

**COUNTY OF SAN LUIS OBISPO BOARD OF SUPERVISORS
AGENDA ITEM TRANSMITTAL**

(1) DEPARTMENT General Services Agency/Airport Services	(2) MEETING DATE 10/22/2013	(3) CONTACT/PHONE Craig Piper, Assistant Airports Manager 781-5205	
(4) SUBJECT Request to create a new capital project to update the Airport Layout Plan and conduct a Runway Protection Zone Study for the San Luis Obispo County Regional Airport and authorize a budget adjustment in the amount of \$333,325 from a Federal Aviation Administration (FAA) grant and \$34,340 from the Airport Enterprise Fund. (4/5ths vote required) District 3.			
(5) RECOMMENDED ACTION It is recommended the Board: 1. Approve creation of a capital improvement project to update the Airport Layout Plan at the San Luis Obispo County Regional Airport; and 2. Authorize a budget adjustment in the amount of \$333,325 from a Federal Aviation Administration (FAA) Airport Improvement Program (AIP) grant and \$34,340 from the Airport Enterprise Fund. (4/5ths vote required)			
(6) FUNDING SOURCE(S) FAA AIP Grant: \$333,325 (90.6%) Airport Enterprise Fund: \$34,340 (9.4%)	(7) CURRENT YEAR FINANCIAL IMPACT \$367,665	(8) ANNUAL FINANCIAL IMPACT \$0.00	(9) BUDGETED? No
(10) AGENDA PLACEMENT <input checked="" type="checkbox"/> Consent <input type="checkbox"/> Presentation <input type="checkbox"/> Hearing (Time Est. ____) <input type="checkbox"/> Board Business (Time Est. ____)			
(11) EXECUTED DOCUMENTS <input type="checkbox"/> Resolutions <input type="checkbox"/> Contracts <input type="checkbox"/> Ordinances <input checked="" type="checkbox"/> N/A			
(12) OUTLINE AGREEMENT REQUISITION NUMBER (OAR) 19001347		(13) BUDGET ADJUSTMENT REQUIRED? BAR ID Number: 1314040 <input checked="" type="checkbox"/> 4/5th's Vote Required <input type="checkbox"/> N/A	
(14) LOCATION MAP Attached	(15) BUSINESS IMPACT STATEMENT? No	(16) AGENDA ITEM HISTORY <input type="checkbox"/> N/A Date: <u>2/26/2013</u>	
(17) ADMINISTRATIVE OFFICE REVIEW Emily Jackson			
(18) SUPERVISOR DISTRICT(S) District 3 -			

County of San Luis Obispo



TO: Board of Supervisors

FROM: General Services Agency / Craig Piper
781-5205

DATE: 10/22/2013

SUBJECT: Request to create a new capital project to update the Airport Layout Plan and conduct a Runway Protection Zone Study for the San Luis Obispo County Regional Airport and authorize a budget adjustment in the amount of \$333,325 from a Federal Aviation Administration (FAA) grant and \$34,340 from the Airport Enterprise Fund. (4/5ths vote required) District 3.

RECOMMENDATION

It is recommended the Board:

1. Approve creation of a capital improvement project to update the Airport Layout Plan at the San Luis Obispo County Regional Airport; and
2. Authorize a budget adjustment in the amount of \$333,325 from a Federal Aviation Administration (FAA) Airport Improvement Program (AIP) grant and \$34,340 from the Airport Enterprise Fund. (4/5ths vote required)

DISCUSSION

On February 26, 2013 the General Services Agency received authorization from the Board to apply for an Airport Improvement Program (AIP) grant from the Federal Aviation Administration (FAA) for the San Luis Obispo County Regional Airport. The purpose of the grant was for the updating of the Airport Layout Plan (ALP), conducting a Runway Protection Zone (RPZ) study for runway 7, and establishing a Pavement Maintenance System Plan. Two grants were recently awarded, one for the ALP update and RPZ Study, which have been combined into a single project at the direction of the FAA, and the second for the Pavement Maintenance System Plan. Airport Services is ready to move forward with the project to update the ALP and conduct an RPZ study.

The ALP is a set of drawings that shows the near, intermediate, and long-term facilities for an airport. The ALP is prepared in conformance with the FAA's guidelines and is required to be periodically updated. An updated ALP is critical to airport development as any potential project for future AIP funding must appear on the current ALP to be eligible for grant funding. The most recent update to the ALP was completed in November 2010. That particular update was minor in nature as it reflected projects that had been completed rather than adding any for planning purposes. Projects to be considered for inclusion in the ALP are the relocation of the Instrument Landing System (ILS) Glide Slope, paving of an access road around the end of Runway 11 and realignment of Taxiway A.

The second aspect of this project is the need for an RPZ Study for the crosswind runway. Included in the 2006 Master Plan is the extension of the crosswind Runway 7/25. This runway is planned to be extended 500 feet to the west bringing it back to its original length of 3000 feet. The runway had been shortened in a previous project to allow for the relocation of the Runway 25 threshold west of the primary Runway 11/29, eliminating overlapping runways. In recent years FAA standards have changed as they relate to the various protection zones surrounding runways. In this particular case the runway protection zone off the end of the runway will shift to the West extending over Hoover Avenue. As a result of these changes, it is necessary to complete a study to determine what effect the public roadway may have on the feasibility of the project.

Airport Services' aviation general consultant, Reynolds, Smith and Hills (RS&H) will perform the work on this project. Their fee, \$360,334, and scope of work for this project will be included in a new work order under their existing contract.

OTHER AGENCY INVOLVEMENT/IMPACT

The Federal Aviation Administration (FAA) provides the grant funding as well as reviews and approves the completed Airport Layout Plan and RPZ study.

FINANCIAL CONSIDERATIONS

The project will develop an updated Airport Layout Plan (ALP) and Runway Protection Zone (RPZ) study in accordance with FAA standards. Projects meeting FAA eligibility criteria receive approximately 90% funding under the FAA AIP grant program. The local share of approximately 10% will be funded from the Airport Enterprise Fund operating budget. In the case of this particular project the FAA calculated a slightly higher rate of 90.6%, due to the fact that certain elements of the project allow for the FAA to cover a slightly higher percentage of the project cost.

The total project cost is estimated to be \$367,665. The consultant's fee is \$360,334, with the remaining difference of \$7,331 being the estimated cost for staff involvement in the project. The funding for the project is broken down below:

FAA Portion (90.6%)	\$333,325
Local Share (Enterprise Fund – 9.4%)	<u>\$ 34,340</u>
Total	\$367,665

RESULTS

Approval of the creation of this project along with the associated budget adjustment will allow Airport Services to move forward developing safety and capacity projects for the San Luis Obispo County Regional Airport. Once complete, the ALP will allow Airport Services to move forward with planning for future projects and maintain a safe operating environment for aircraft utilizing the airport.

ATTACHMENTS

- 1 - Location Map RPZ Study
- 2 - Current San Luis Obispo County Regional Airport Layout Plan